

## EVA-O

~40° x 15° oval beam optimized for LUXEON M and MX. Assembly with holder and installation tape.

### SPECIFICATION:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 37.7 mm |
| Height         | 17.2 mm   |
| Fastening      | tape      |
| ROHS compliant | yes ⓘ     |

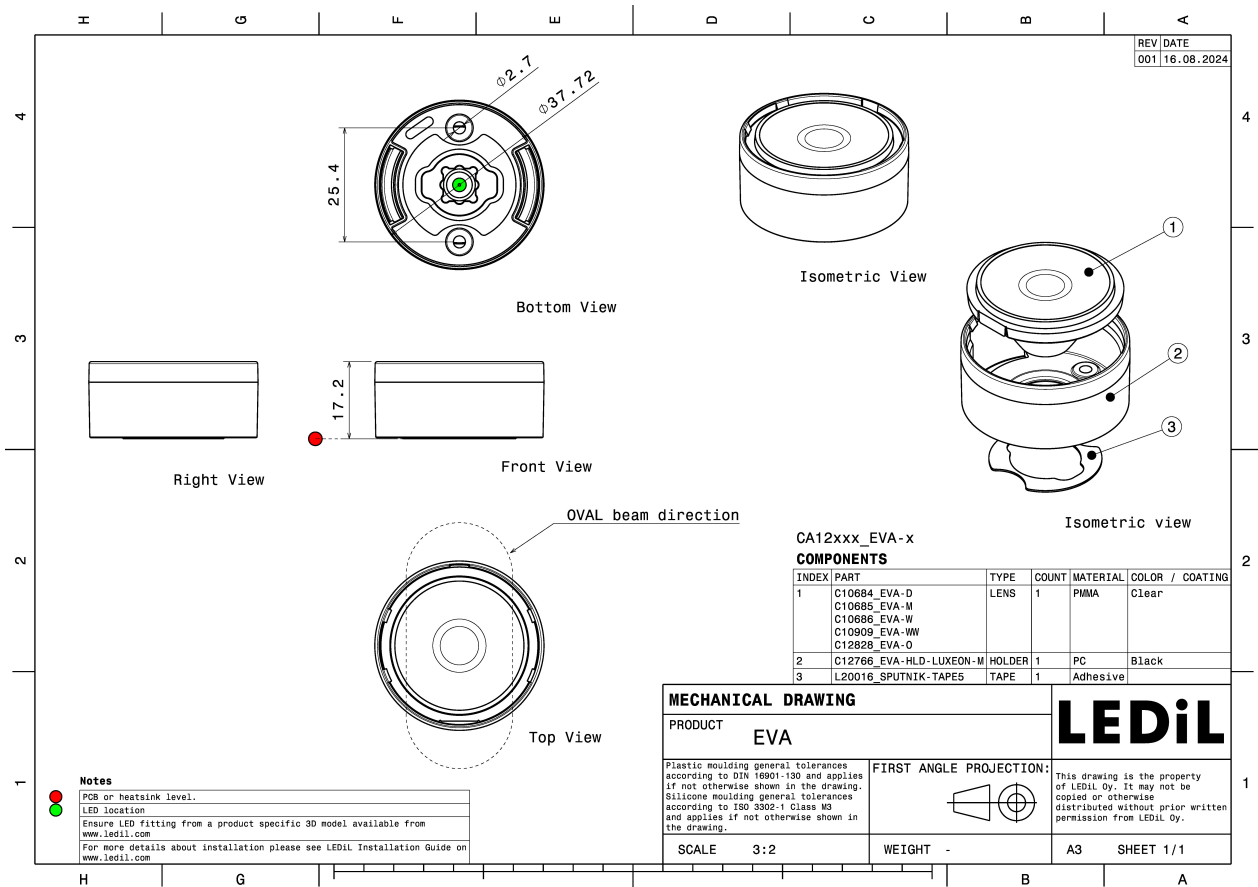
### MATERIALS:

| Component        | Type        | Material | Colour | Finish | Length (mm) |
|------------------|-------------|----------|--------|--------|-------------|
| EVA-O            | Single lens | PMMA     | clear  |        |             |
| EVA-HLD-LUXEON-M | Holder      | PC       | black  |        |             |
| SPUTNIK-TAPE5    | Tape        |          |        |        |             |

### ORDERING INFORMATION:

| Component                      | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|------------|-----|-----|-----------------|
| CA12858_EVA-O                  | 675        | 90  | 45  | 9.8             |
| » Box size: 480 x 280 x 300 mm |            |     |     |                 |



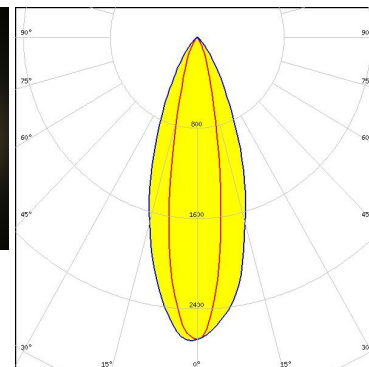
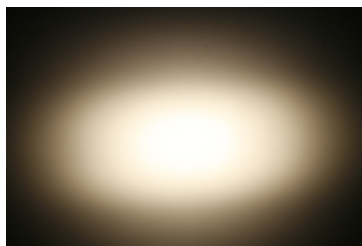


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



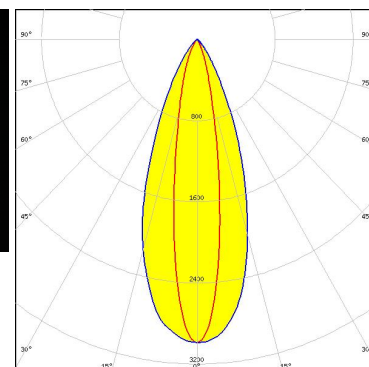
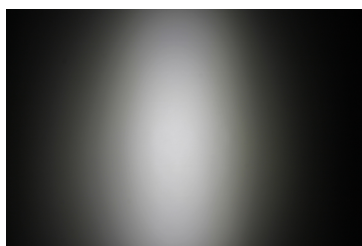
LED MK-R  
FWHM / FWTM 38.0 + 20.0° / 70.0 + 44.0°  
Efficiency 84 %  
Peak intensity 2.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



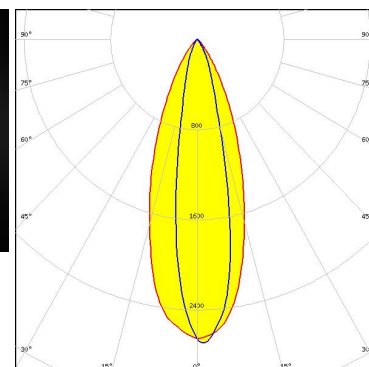
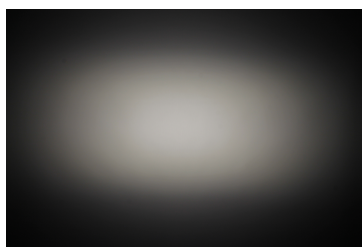
LED LUXEON 5050 Round LES  
FWHM / FWTM 40.0 + 18.0° / 69.0 + 42.0°  
Efficiency 86 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON M/MX  
FWHM / FWTM 37.0 + 20.0° / 70.0 + 44.0°  
Efficiency 84 %  
Peak intensity 2.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

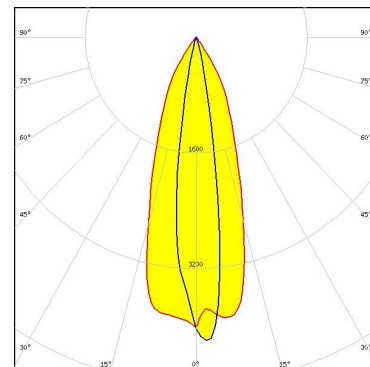


Light distribution files

### OPTICAL RESULTS (SIMULATED):



|                      |                             |
|----------------------|-----------------------------|
| LED                  | XP-E2                       |
| FWHM / FWTM          | 36.0 + 16.0° / 68.0 + 27.0° |
| Efficiency           | 92 %                        |
| Peak intensity       | 4.3 cd/Im                   |
| LEDs/each optic      | 1                           |
| Light colour/type    | Green                       |
| Required components: |                             |



Light distribution files

### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

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